GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA

UNSTARRED QUESTION NO:1714
ANSWERED ON:06.03.2000
REHABILITATION OF OILFIELDS OF MUMBAI HIGH
AMBATI BRAHMANAIAH;ASHOK NAMDEORAO MOHOL;UMMAREDDY VENKATESWARLU

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Mumbai High oilfields have lost their potential due to mis-management;

(b) if so, whether the Government have made any attempt to improve the exploration of crude oil from there;

(c) if so, the rehabilitation measures taken to protect the Mumbai High oilfields in the national interest;

(d) whether the Government have appointed Gileffi and Cline to work out a feasibility study on the Mumbai High oilfields;

(e) if so, the details thereof; and

(f) the time by which it is likely to submit its report?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH KUMAR GANGWAR)
(a to c): Oil production rates have declined in Mumbai High due to oil field entering the declining phase of production which occurs in the life cycle of any producing oilfield.
Based on detailed study of shortfall in oil production, various measures, both short term and long term, have been identified. Some of the measures undertaken to arrest/slow down the declining trend and increase the production of crude oil are :

(i) Drilling of infill wells, horizontal wells and extended reach drilling wells.

(ii) Adoption of drain hole technology and scale removal jobs.

(iii) Re-completion of poorly producing wells with side tracking.

(iv) Workover jobs, redistribution of water injection to maintain reservoir pressure and optimisation of gas lift facilities.

(v) Hiring of consultants of international repute for formulation of re-development plan of Mumbai High field.

(vi) Acquisition of 3-D seismic data for better understanding of the reservoir for future development plans.

(vii) Trial of new technology `Gel Technology` in Mumbai High field for control of excessive gas and water production.

(d to f): The Government have not appointed any consultation agency for this field. However, Oil and Natural Gas Corporation Ltd.(ONGC) has engaged Gaffney Cline and Associates (GCA) as consultant for drawing up a cost effective additional development plan of Mumbai High.